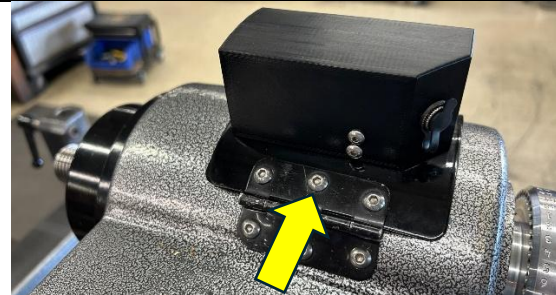
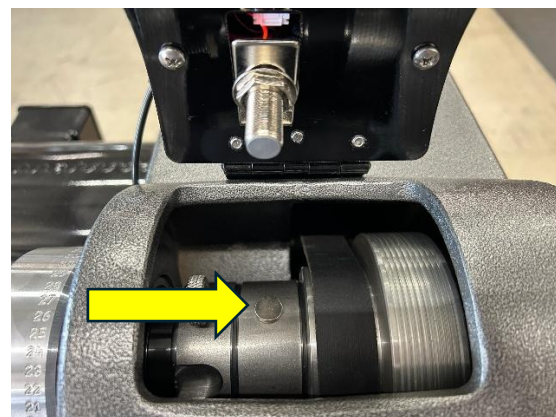




First things first: For the DRO (Digital Readout) to work on your lathe, your top door must be shaped like the one in the picture.



Remove the three screws holding your old top door on, and replace it with the new top door/DRO assembly using the same screw. No need to remove the hinge.



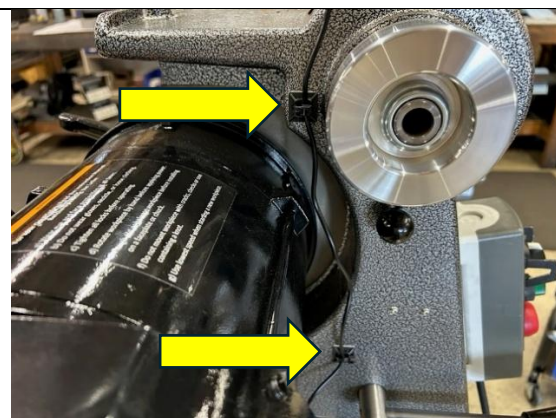
Place the magnet approximately where shown in the picture. Close the lid and turn the spindle by hand to make sure the sensor doesn't hit it.

With the DRO plugged in and turned on, run the lathe at about 1/3 speed - don't worry, the magnet won't fly off at low RPM's. If the display doesn't work, flip the magnet over to reverse the polarity. Mark an "X" on the magnet with a magic marker or Sharpie to indicate proper orientation.

If the display still doesn't work, try moving the sensor closer to the spindle. Do this by adjusting the nuts on the sensor.



Once the magnet is positioned correctly and the sensor is adjusted, epoxy the magnet onto the spindle (be sure you have it right side up). Roughen up the surfaces on the spindle and the magnet and degrease them first. We recommend a 24-hour cure epoxy like JB Weld. Let any epoxy cure a full 24 hours before running the machine.



Route the power cord away from the handwheel. Please see the photo to the left for our recommended routing.

To use the DRO, simply plug it in and turn it on.

Please note, the RPM display number will stay on for a moment or two after you stop the lathe. An accurate readout will be displayed when you restart the machine.

Turn the unit off when not in use.